



November 21, 2015

## Excellence in Summer Learning

### APPLICATIONS OPEN FOR NSLA AWARDS

The National Summer Learning Association invites you to apply for the **New York Life Excellence in Summer Learning Awards**. The Awards recognize outstanding summer programs or models that demonstrate excellence in accelerating academic achievement and promoting healthy development for young people between pre-kindergarten and twelfth grade. They are given annually based on an application process that elicits information on a program's history, mission, goals, operations, management, staff development, partnerships, results, and sustainability. Interviews are conducted with a small group of semi-finalists followed by site visits to a select group of finalists to observe program activities before announcing the awards. Don't miss this chance to bring your summer STEM program the recognition it deserves!



LEARN MORE & APPLY

## Spotlight on STEM Best Practices

### HEALTHCARE EXCELLENCE @ BIOSCIENCE HIGH

Bioscience High School (BHS) in Phoenix is partnering with the Healthcare Excellence Institute

(HEI) this month to promote a STEM project to get students excited and engaged about science and engineering topics. The goal of the project is to immerse BHS students into industry by applying math and engineering principles to solve real world business problems during a weeklong training called "Design of Experiments" (DOE). The President and Vice President of HEI, along with HEI's process engineers will be working directly with BHS students in a hands-on simulation of a problem to be solved with science, math, and engineering skills.



This educational week will be broken up into two parts. The first part will be focused on training with an emphasis as to why math, statistics, science, and engineering are so important in solving complex problems today. The second part will begin the DOE as students will be placed into teams where they will compete in their own simulation, controlling variation in order to successfully build functioning model airplanes. This is a great opportunity for students to get hands-on experience implementing what they've learned, while developing Arizona's future STEM leaders. It's also a great example of a [successful partnership between an afterschool program and local STEM business leaders](#).

## LEARN MORE ABOUT CONNECTING BUSINESS WITH AFTERSCHOOL

# Cubes in Space

## LAUNCH EXPERIMENTS INTO SPACE!

[idoodlelearning, inc.](#), with support from the Colorado Space Grant Consortium is offering a STEAM-focused global education program at no cost for students ages 11-18. [Cubes in Space™](#) provides students an opportunity to design and compete to launch an experiment into space! Using formal or informal learning environments, youth will be exposed to engaging online content and activities in preparation for the design and development of an experimental payload to be integrated into a small cube. These cubes will be launched via a Terrier-Orion sounding rocket from NASA's Wallops Flight Facility, Wallops Island, Va., in late June 2016. A second flight opportunity is on a high altitude balloon launched by our partner IdeaTech from a facility in Medellin, Colombia in May 2016. Leveraging the excitement of space exploration, youth will learn about the methodology for taking an idea from design through to review process and then to flight and final experiment validation. **The deadline for program registration is January 11, 2016.** Questions about this program should be directed to [info@cubesinspace.com](mailto:info@cubesinspace.com).



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